



Infor Barry Controls (BY)

AutoMap

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Table of Changes

Changed By	Date	Reason	Update#	Section Changed
K. Radtke	12/13/16	Add company by parts cross reference functionality	A114071701	Implementation
K. Radtke	12/13/16	Add 4010 ASN	A108052301	ASN

General Information

Transaction Sets and Versions

The Barry Controls module supports the following transaction sets:

- 830 Material Release Version 4010
- 856 ASN Version 4010
- 997 Functional Acknowledgement Version 4010

The **830 (Material Release)** contains daily release schedules.

The **856 (ASN)** is required to be transmitted for each shipment, within the timeframe specified by Barry Controls.

The **997 (Functional Acknowledgement)** is required to be transmitted to acknowledge the received 830s, within one business day. A 997 is also received to acknowledge the transmitted 856.

Security

Communication Method

Barry Controls communicates through the ACM (Advanced Communications Module) component. For more information on ACM, see Chapter 17 of the AutoRelease main manual. Enter security requirements (identification codes, passwords, etc.) before attempting to receive or transmit. Network security is entered one time, but may be accessed by multiple trading partners.

When establishing a trading partnership with a VAN or direct, the following data is required in your User Profile:

Wrap Data?	YES - 80
Start New Record on New Interchange?	YES

File Archiving / Auto Print and Process

(Option 3 on the AZ10 Menu - ACM)

AZD2008	PROCESS PROFILE SETUP
OEM	
Company	
Auto Print	
Auto Process.....	
Auto 997.....	
Days To Archive.....	
F4=Prompt F12=Cancel	

- Auto Print (Y/N) - Enter "Y" if using Auto Receive and Breakdown (scheduled through ACM), to perform an automatic Print after the Breakdown. Enter "N" if not using Auto Receive, or, if using Auto Receive and Breakdown, if the Print option is not to be run automatically after the Breakdown.
- Auto Process (Y/N) - Enter "Y" if using Auto Receive and Breakdown (scheduled through ACM) and if also using Auto Print, to perform an automatic Process after the Receive, Breakdown and Print. Enter "N" if not using Auto Receive, or, if using Auto Receive, Breakdown, and Auto Print, if the Process option is not to be run automatically after the Print.
- Auto 997 (Y/N) – Enter "Y" and a 997 will automatically be sent back to the OEM acknowledging receipt of inbound EDI data.
- Days to Archive - Enter the number of days to archive files received from the OEM. Files must be saved at least one day. Archived files are files that are stored for a given number of days, so that they can be reactivated. The number of days is not based on calendar days. Only the number of days when a communication session takes place is counted. Then the archived files are removed during the next shift.

Note: Only error-free requirements are processed. Errors must be corrected and the "Print" and "Process" options must be taken manually to process the remaining data.

Implementation

Identification Code File

The Identification Code File is used when taking the options to "Split" a file received from Barry Controls and when transmitting ASNs. The Identification Code File is used differently by different manufacturers.

Initial Record

Company Number	- xx
OEM Code	- BY
Plant ID	- Mutually defined plant ID code *
OEM ID	- 6177871555
Corporate ID	- Not used by Barry Controls
Remit to Duns Number	- Not used by Barry Controls
VAT Code	- Not used by Barry Controls
Transmission Mode	- P
Smart Labels	- N
Pallet Staging	- N
Bar Code File Transfer	- N
Variable Unwrap Print	- Y or N
Automatic print of 997	- N
AutoMap	- Y

Errors that occur during the "Split" that indicate a code is missing from the Identification Code File are referring to plant ID and OEM ID.

AutoMap - Enter "Y" to place data in the AutoMap files (during the Split).

Application Control File

The Application Control File record "PXCO#BY" may be entered to retrieve the company number from the Parts Cross Reference File instead of the Identification Code File if the following points are applicable:

1. A supplier has only one Plant ID representing multiple plants
2. Each plant ships unique parts
3. Each plant is entered as a separate company
4. All companies use the same customer and destination abbreviations

Add the record as described below. For more information about adding control records, see Chapter 11 of the AutoRelease main manual.

CO = Company or **

Application Name = *ALL

Keyword = PXCO#BY

Length = 1

Dec= blank

Infor Data = "Y"

From the main menu select System Maintenance (option 11), then Application Control File Maintenance (option 17).

Enter the following information:

APP

Opt CO# Name Keyword

1 ** *ALL PXCO#BY

Press Enter and on the next screen enter a length of 01 and Y in the Infor Data area.

Example ONLY:

CO# APP Name Keyword

** *All PXCO#BY

Infor Data Length: 01 Dec:

1 2 3 4

123456789012345678901234567890123456789012345

Y

Customer Data Length: Dec:

1 2

12345678901234567890

NOTE:

Because the part number is used to determine the company number, parts must be unique to a single company. If a part is set up for more than one company unexpected results may occur.

Master File Entry

The entry of each master file is not explained in this document. Only the master files that require unique entry to accommodate specific business practices for this trading partner are noted.

Model Year

Barry Controls does not send model year. Therefore, the requirement and price files must be entered leaving the model year fields blank.

EDI Code File

Type Codes

- C - Firm
- D – Planning

Frequency Codes

- D - Discrete
- F - Flexible
- W - Weekly

Requirement File - Clear Flags

The Requirement Master clear flags should not be marked. Keywords are used to determine what to clear based on purpose codes.

CUM Required Prior

Barry Controls does not send CUM Required. Therefore, a CUM Required figure must be entered manually before going live. The CUM Required that is transmitted overlays what was entered manually.

The CUM Required Prior is used to calculate ahead and behind figures and to round to package quantity. Enter the CUM Required Prior when entering a Barry Controls manual requirement or while testing. To enter, access the Manual Requirements Entry screen and select a part or press F5.

ASNs

ASN Cancellation Procedure

To cancel an ASN, call Barry Controls.

Mandatory Fields

ASN Header Maintenance Screen

ASN HEADER MAINTENANCE		Record Status: O
OEM: BY	Shipper #: D12823	ASN Purpose: O
Company: KB	Equipment	
Customer Abbrev: BARRY	Description: TE	
Destination Abbrev: BARRY	Initial:	
Dock Code:		
Ship	Consignee	
Date: 12/13/XX	Warehouse:	
Time: 8:35:00	Location:	
Arrival		
Date: 0/00/00	SCAC	
Time: :00:00	Pick up Carrier : CTNR	
Time Zone: ED	Delivery Carrier: CTNR	
	Canadian Carrier:	
Conveyance Code: M		
FOB Destination: FAYETTEVILLE		
Route:		
Shipping Location:		
F3=Exit F4=Flags/Codes F5=ID Numbers F7=Reference# F8=Keys F9=Status		
F12=Return		

- | | | |
|-----------------------|---|--|
| ASN Purpose | - | Transmitted in the BSN 01. Valid codes include:
O - Original 00 |
| Equipment Description | - | Transmitted in the TD3 01. |
| Ship Date | - | Transmitted in the BSN 03 and DTM 02. |

Ship Time	-	Transmitted in the BSN 04 and DTM 03.
Pick Up Carrier	-	Transmitted in the TD5 03.
Conveyance Code	-	Transmitted in the TD5 04.
Arrival Date	-	Transmitted in the DTM 02.
Arrival Time	-	Transmitted in the DTM 03.

ID Numbers Screen

Supplier ID	-	Transmitted in the N1 04, ISA 06, and GS 02.
OEM ID	-	Transmitted in the ISA 08 and GS 03.

Reference Numbers Screen

Conveyance Bill	-	Transmitted in the TD3 03.
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ASN Detail Maintenance Screen

Cust Part #	-	Transmitted in the LIN 03.
Shipment Quantity	-	Transmitted in the SN1 02.
Ship Net	-	Transmitted in the MEA 03.
Ship Gross	-	Transmitted in the MEA 03.
ASN Unit/Mea	-	Transmitted in the SN1 03.

ASN Container Review Screen

Container Description	-	Transmitted in the TD1 01.
Container Quantity	-	Transmitted in the TD1 02 and PO4 01.

How to Use This Document

This document provides information regarding unique instructions required to implement this trading partner's unique business practices. There is a separate document called "AutoMap Manual" which describes those procedures which apply to all trading partners (NOT unique for each trading partner) such as the daily procedures, job controls, etc.

General Information

The general information section of this document describes transaction sets, how they apply to this trading partner and other miscellaneous information.

Security

The security section of the document explains the network(s) used by this trading partner, and specific information about how to create the trading partner cross reference file.

Implementation

Requirements received via AutoMap are processed into the AutoRelease master files to perform shipping, ASN and invoicing functions. Therefore, enter all master files in the same manner as required when processing data from the AutoRelease menus.

Exception: Special AutoMap processing needs are handled via keywords in AutoMap. Therefore, clear flags and special processing flags (F20) should not be marked.

The entry of each master file is NOT explained in this supplement. Only those that require specific fields marked to accommodate specific business practices for this trading partner are noted.

The master files required during the "process" from the AutoMap Requirement Display, are the same files that are required when processing from the VL0 menus:

- Machine Readable - customer and destination
- Parts Cross Reference
- Requirement Master

These files must be entered to successfully process data into the Requirement and Load Files.

ASNs

All AutoMap trading partners transmit ASNs to the trading partner by using option 3 (ASNs) from the AutoMap menu. The ASN section of each trading partner document describes the ASN cancellation procedure and mandatory ASN fields for a specific trading partner.

A complete description of the common options can be found in the ASN section of the AutoMap Manual.

AutoMap Features and Preferences

In AutoMap, keywords are unique for the business practices of the trading partner. This section describes how to access keywords, whether there are optional or conditional keywords for this trading partner, and how to activate and deactivate keywords.

Activate or Deactivate Keywords - Change Error Types (Warning - Terminal)

Keywords activate special processing to accommodate the OEM's practices. To view keywords:

1. Access the AutoMap Menu.
2. Take the Process Keywords options.
3. Select the trading partner with 7 (keyword options).
4. Keywords are displayed for the selected trading partner.
5. Select the keyword to be changed with 1 (select).

The error maintenance screen displays. The fields that can be changed include:

Error Type - The error type may be W (warning) or T (terminal).

T (terminal) - When the create and transmit ASNs option is taken the ASN records are checked for missing fields that may cause the ASNs to be rejected. If terminal errors are found, (errors that will cause the ASN to be rejected according to OEM specifications) the program ends, the ASN Verification Report prints and a break message is displayed. Terminal errors must be corrected before taking the create and transmit option again.

W (warning) - When the create and transmit ASNs option is taken the ASN data is verified. If only warning errors are found, the ASN Verification Report prints and a break message is displayed that gives the user the option to continue with errors or to cancel. Error Message - The message that is displayed when this error is encountered may be changed.

Active - The keyword may be active (Y) or inactive (N).